

To: Naranjo, Eugenia[Naranjo.Eugenia@epa.gov]
From: Clifford Firstenberg
Sent: Thur 11/17/2016 5:57:26 PM
Subject: RE: Draft Exposure Factors and TRV Memorandum

Thanks...

-

Clifford E. Firstenberg

Principal and Environmental Sciences Manager

Tierra Solutions, Inc.

E-mail: cfirstenberg@tierrasolutionsinc.com

Phone: ***New number: 757-282-6462 (757-258-7720 no longer in service)***

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Thank You.

From: Naranjo, Eugenia [mailto:Naranjo.Eugenia@epa.gov]
Sent: Thursday, November 17, 2016 12:56 PM
To: Clifford Firstenberg <cfirstenberg@tierrasolutionsinc.com>
Subject: RE: Draft Exposure Factors and TRV Memorandum

NP, it's been deleted and I didn't look at it.

From: Clifford Firstenberg [mailto:cfirstenberg@tierrasolutionsinc.com]
Sent: Thursday, November 17, 2016 12:07 PM
To: Naranjo, Eugenia <Naranjo.Eugenia@epa.gov>
Cc: Carlie Thompson <cthompson@tierrasolutionsinc.com>
Subject: RE: Draft Exposure Factors and TRV Memorandum

Apologies Eugenia...I'd appreciate it if you ignore this. You will get the proper draft on 11/30.

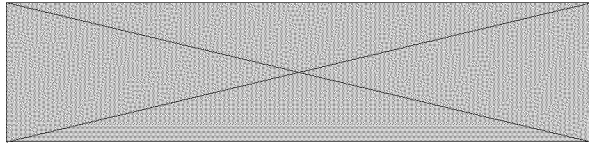
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Thank You.

From: Clifford Firstenberg
Sent: Thursday, November 17, 2016 12:05 PM
To: 'Naranjo, Eugenia' <Naranjo.Eugenia@epa.gov>
Cc: Carlie Thompson <cthompson@tierrasolutionsinc.com>
Subject: FW: Draft Exposure Factors and TRV Memorandum

Enrique – see below and attached for Juan. I've done a once-through review of the text and spot-checked the tables in the PDF – this can go to Juan as-is or, if you prefer, you can send the versions with preliminary edits located in Maxus-OCC\Newark Bay\Risk Assessment\Ecological\EF-TRV Tech Memo.

Comments are due to Arcadis by 11/23; final to EPA by 11/30.

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Clifford E. Firstenberg

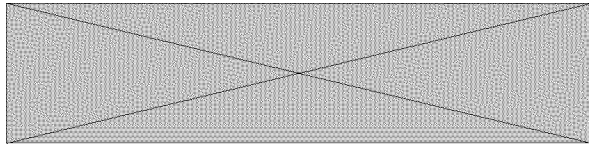
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Thank You.

From: Iannuzzi, Tim [<mailto:Tim.Iannuzzi@arcadis.com>]

Sent: Thursday, November 17, 2016 8:51 AM

To: Clifford Firstenberg <cfirstenberg@tierrasolutionsinc.com>; Carlie Thompson <cthompson@tierrasolutionsinc.com>

Cc: Iannuzzi, Jackie <Jackie.Iannuzzi@arcadis.com>; Combes, Jamie
<Jamie.Combes@arcadis.com>; Iannuzzi, Tim <Tim.Iannuzzi@arcadis.com>
Subject: Draft Exposure Factors and TRV Memorandum

Cliff and Carlie,

Attached is the draft EF-TRV memo for your review. We still have some clean-up to do on the references format and possibly the tables, but I wanted to get this to you early this morning as I know you have limited availability to review.

I have tried to state several times in the memo, that these are preliminary values at this early stage in the BERA process, and we will evaluate and select final TRVs during the BERA implementation and once we do the screening assessment and determine the final list of COPECs.

Over the course of the next few days, I am also going back through the TRVs in detail. There is a possibility that a few of those values could change (probably not unless I see an opportunity to select a better value for a given COPEC and receptor), but it will not affect the memo as we do not discuss individual TRVs in the text. Importantly, the dioxin/TEQ TRVs will not change. We paid particular attention to those.

Let me know if you want to discuss.

Regards,

Tim

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